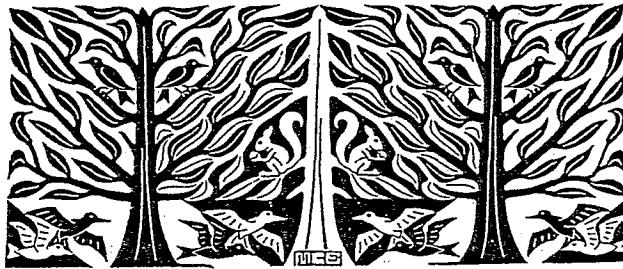


# Pattern and Polarity:

## Establishing Difference in Development

Department of Molecular, Cellular and Developmental Biology  
University of Colorado, Boulder, CO

The 1996 Graduate Student Symposium  
April 12-14, 1996



Keynote Address: Ira Herskowitz: The establishment of polarity

### Session I: Cell polarity

Richard Losick: Bacterial cell polarity  
and sigma factors

Joseph Frankel: Cellular polarity in  
ciliates

Daniel Lew: Yeast morphogenesis and  
the cell cycle

### Session II: Polarity in early embryogenesis

Ken Kemphues: Genes required for  
establishment of polarity in the *C. elegans*  
embryo

Ralph Quatrano: The cytoskeleton and  
control of polarity in *Fucus* eggs

Kathryn Anderson: Dorsoventral  
patterning in *Drosophila*

Randall Moon: Dorsoventral patterning  
in *Xenopus*

### Session III: Refinements on polarity-- decisions in late development

John Shieffelin: Polar growth and  
patterning in plant roots

Andrew Tomlinson: Patterning in insect  
appendages

Lee Niswander: Patterning the  
developing Mammalian limb

For Registration forms and information please see \_\_\_\_\_  
or contact Michelle DuBois directly at (303) 492-8555